This listing of claims will replace all prior versions, and listings, of claims in the application:

1 Claim 1 (currently amended): A machine-implemented method
2 for detecting navigation bars in a document, the
3 machine-implemented method comprising:
4   a) segmenting, with a machine, the document into
5   components; and
6   b) for each of the components, determining, with the
7   machine, whether or not the component is anchor-heavy,
8   wherein if the component is anchor-heavy, it is
9   determined to be a navigation bar.

1 Claim 2 (currently amended): The machine-implemented
2 method of claim 1 wherein the act of determining whether or
3 not the component is anchor-heavy is based on a number of
4 anchors in the component and a number of non-anchor words
5 in the component.

1 Claim 3 (currently amended): The machine-implemented
2 method of claim 1 wherein the act of determining whether or
3 not the component is anchor-heavy includes
4   i) determining, with the machine, a number of
5   anchors in the component,
6   ii) determining, with the machine, a number of
7   non-anchor words in the component, and
8   iii) if the number of anchors is greater than a
9   predetermined threshold and if the number of
10   anchors is greater than the number of non-anchor
11   words, then determining, with the machine, that
12   the component is anchor-heavy.

1 Claim 4 (currently amended): The <u>machine-implemented</u>
2 method of claim 3 wherein the predetermined threshold is
3 about three.

1 Claim 5 (currently amended): The <u>machine-implemented</u>
2 method of claim 3 wherein the predetermined threshold is
3 three.

1 Claim 6 (currently amended): The <u>machine-implemented</u>
2 method of claim 1 wherein the act of determining whether or
3 not the component is anchor-heavy includes
4   i) determining<u>, with the machine,</u> a first count
5   to be a number of anchors in the component,
6   ii) determining<u>, with the machine,</u> a second
7   count to be a number of non-anchor words in the
8   component,
9   iii) incrementing<u>, with the machine,</u> the second
10   count by the number of words in an anchor having
11   more words than a predetermined threshold to
12   determine a non-anchor word count, and
13   iv) if the first count is greater than a second
14   predetermined threshold and if the first count is
15   greater than the non-anchor word count, then
16   determining<u>, with the machine,</u> that the component
17   is anchor-heavy.

1 Claim 7 (currently amended): The <u>machine-implemented</u>
2 method of claim 6 wherein the predetermined threshold is
3 about four.

3

1   Claim 8 (currently amended): The <u>machine-implemented</u>

2   method of claim 6 wherein the predetermined threshold is

3   four.

1   Claim 9 (currently amended): The <u>machine-implemented</u>

2   method of claim 1 wherein the act of segmenting the

3   document into components includes generating<u>, with the</u>

4   <u>machine,</u> a parse tree based on the document, wherein a

5   first node corresponding to a first component is a child of

6   a second node of a second component if the first component

7   is included in the second component.

1   Claim 10 (currently amended): The <u>machine-implemented</u>

2   method of claim 9 wherein the act of determining whether or

3   not the component is anchor-heavy is based on (i) a number

4   of anchors in a node corresponding to the component and all

5   descendant nodes of the node, and (ii) a number of

6   non-anchor words in the node corresponding to the component

7   and all the descendant nodes of the node.

1   Claim 11 (currently amended): The <u>machine-implemented</u>

2   method of claim 9 wherein the act of determining whether or

3   not the component is anchor-heavy includes

4   i) determining<u>, with the machine,</u> a number of

5   anchors in a node corresponding to the component

6   and all descendant nodes of the node,

7   ii) determining<u>, with the machine,</u> a number of

8   non-anchor words in the node corresponding to the

9   component and all the descendant nodes of the

10   node, and

11   iii) if the number of anchors is greater than a

12   predetermined threshold and if the number of

13   anchors is greater than the number of non-anchor

14   words, then determining, with the machine, that

15   the component is anchor-heavy.

1   Claim 12 (currently amended):   The machine-implemented

2   method of claim 11 wherein the predetermined threshold is

3   about three.

1   Claim 13 (currently amended):   The machine-implemented

2   method of claim 11 wherein the predetermined threshold is

3   three.

1   Claim 14 (currently amended):   The machine-implemented

2   method of claim 9 wherein the act of determining whether or

3   not the component is anchor-heavy includes

4   i)   determining, with the machine, a first count

5   to be a number of anchors in a node corresponding

6   to the component and all descendant nodes of the

7   node,

8   ii)   determining, with the machine, a second

9   count to be a number of non-anchor words in a

10   node corresponding to the component and all

11   descendant nodes of the node,

12   iii)   incrementing, with the machine, the second

13   count by the number of words in an anchor having

14   more words than a predetermined threshold to

15   determine a non-anchor word count, and

16   iv)   if the first count is greater than a second

17   predetermined threshold and if the first count is

18   greater than the non-anchor word count, then

19   determining, with the machine, that the component

20   is anchor-heavy.

Claim 15 (currently amended): A machine-implemented method for detecting objectionable navigation bars in a document, the method comprising:

a) segmenting, with the machine, the document into components;

b) for each of the components, determining, with the machine, whether or not the component is a navigation bar; and

c) for each of the components that is determined to be a navigation bar, determining, with the machine, whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar.

Claim 16 (currently amended): The machine-implemented method of claim 15 wherein the act of determining, for each of the components, whether or not the component is a navigation bar is based on a number of anchors in the component and a number of non-anchor words in the component.

Claim 17 (currently amended): The machine-implemented method of claim 15 wherein the act of determining whether or not the component is a navigation bar includes

i) determining, with the machine, a number of anchors in the component,

ii) determining, with the machine, a number of non-anchor words in the component, and

iii) if the number of anchors is greater than a predetermined threshold and if the number of anchors is greater than the number of non-anchor

11   words, then determining, with the machine, that

12   the component is a navigation bar.

1   Claim 18 (currently amended): The machine-implemented

2   method of claim 15 wherein the act, for each of the

3   components that is determined to be a navigation bar, of

4   determining whether or not the navigation bar is

5   disqualified from being classified as an objectionable

6   navigation bar includes determining, with the machine,

7   whether a disqualification condition, selected from a group

8   of disqualification conditions consisting of (a) if the

9   component has less than a predetermined number of anchors,

10   (b) if the component has more than a predetermined

11   percentage of words of the document, and (c) if the

12   component is an element of a disqualified component and

13   that disqualified component has only navigation bar

14   elements, exists.

1   Claim 19 (currently amended): The machine-implemented

2   method of claim 16 wherein the act, for each of the

3   components that is determined to be a navigation bar, of

4   determining whether or not the navigation bar is

5   disqualified from being classified as an objectionable

6   navigation bar includes determining, with the machine,

7   whether a disqualification condition, selected from a group

8   of disqualification conditions consisting of (a) if the

9   component has less than a predetermined number of anchors,

10   (b) if the component has more than a predetermined

11   percentage of words of the document, and (c) if the

12   component is an element of a disqualified component and

13   that disqualified component has only navigation bar

14   elements, exists.

Claim 20 (currently amended): The machine-implemented method of claim 17 wherein the act, for each of the components that is determined to be a navigation bar, of determining whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar includes determining, with the machine, whether a disqualification condition, selected from a group of disqualification conditions consisting of (a) if the component has less than a predetermined number of anchors, (b) if the component has more than a predetermined percentage of words of the document, and (c) if the component is an element of a disqualified component and that disqualified component has only navigation bar elements, exists.

Claim 21 (currently amended): A machine-implemented method for detecting objectionable navigation bars in a document, the machine-implemented method comprising:
    a) segmenting, with a machine, the document into components by generating a parse tree based on the document, wherein a first node corresponding to a first component is a child of a second node of a second component if the first component is included in the second component;
    b) for each of the nodes of the parse tree, determining, with the machine, whether or not the node corresponds to a navigation bar component; and
    c) for each of the nodes that is determined to correspond to a navigation bar, determining, with the machine, whether or not the navigation bar is

16   disqualified from being classified as an objectionable
17   navigation bar.

1   Claim 22 (currently amended): The machine-implemented
2   method of claim 21 wherein the act, for each of the nodes
3   that is determined to correspond to a navigation bar, of
4   determining whether or not the navigation bar is
5   disqualified from being classified as an objectionable
6   navigation bar includes determining, with the machine,
7   whether a disqualification condition, selected from a group
8   of disqualification conditions consisting of (a) if the
9   component associated with the node has less than a
10 predetermined number of anchors, (b) if the component
11 associated with the node has more than a predetermined
12 percentage of words of the document, and (c) if the node
13 has a disqualified ancestor node and that all descendant
14 nodes of the disqualified ancestor node are associated with
15 navigation bar components, exists.

1   Claim 23 (original): A machine-readable medium having
2   machine executable instructions thereon, wherein when the
3   machine executable instructions are executed on a machine,
4   the machine:
5   a)   segments the document into components; and
6   b)   for each of the components, determines whether or
7   not the component is anchor-heavy, wherein if the
8   component is anchor-heavy, it is determined to be a
9   navigation bar.

1   Claim 24 (original): A machine-readable medium having
2   machine executable instructions thereon, wherein when the

3   machine executable instructions are executed on a machine,

4   the machine:

5   a)   segments the document into components;

6   b)   for each of the components, determines whether or

.7   not the component is a navigation bar; and

8   c)   for each of the components that is determined to

9   be a navigation bar, determines whether or not the

10   navigation bar is disqualified from being classified

11   as an objectionable navigation bar.

1   Claim 25 (original): An apparatus for detecting navigation

2   bars in a document, the apparatus comprising:

3   a)   means for segmenting the document into components;

4   and

5   b)   means for determining, for each of the components,

6   whether or not the component is anchor-heavy, wherein

7   if the component is anchor-heavy, it is determined to

8   be a navigation bar.

1   Claim 26 (original): An apparatus for detecting

2   objectionable navigation bars in a document, the apparatus

3   comprising:

4   a)   means for segmenting the document into components;

5   b)   means for determining, for each of the components,

6   whether or not the component is a navigation bar; and

7   c)   means for determining, for each of the components

8   that is determined to be a navigation bar, whether or

9   not the navigation bar is disqualified from being

10   classified as an objectionable navigation bar.